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(54) Title: METHOD AND APPARATUS FOR DETERMINING EFFECTIVENESS OF SUNSCREENS AND OTHER SKIN PREPARATIONS IN SHIELDING HUMAN SKIN FROM UVA RADIATION

(57) Abstract: The present invention provides a method and apparatus for measuring the effectiveness of a sunscreen composition or other skin preparation in reducing the exposure of human skin to UVA radiation, wherein differential electron spin resonance spectroscopy is used to quantify the extent of UVA-induced ascorbate or other measurable radical production in the shielded skin, in comparison with reference, preferably unshielded, skin.

WO 2004/039414 A1